IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Alex Conta et al.

SERIAL NO.:   10/691,109   GROUP ART UNIT: 2142

FILED: October 20, 2003   EXAMINER:

FOR: Methods and Apparatus for   ATT'Y DOCKET: TRA-084
         Implementing Multiple Types
         of Network Tunneling in a
         Uniform Manner

I hereby certify that this correspondence is being deposited on this day with the United States Postal Service as first class mail in an envelope addressed to : Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Honorable Commissioner of Patents
   and Trademarks
Washington, D.C. 20231

David S. Jacobson   Date
Reg. No. 39,235

Sir:

SUBMITTAL OF
DOCUMENTS PURSUANT TO DUTY OF DISCLOSURE

     Pursuant to applicant's duty of disclosure 37 CFR Section
1.56, enclosed is a completed form PTOL-1449 as well as copies of
the cited documents which relate to the above-referenced patent
application.Since this document submittal is being presented prior
to the first examination on the merits, no fee is due herewith.

     The attached documents are as follows:

     "Multiprotocol Label Switching Architecture" specifies an
Internet standards track protocol for the Internet community, and
requests discussion and suggestions for improvements.

     "MPLS Label Stack Encoding" specifies the encoding to be used
by an LSR in order to transmit labeled packets on PPP data links
and on LAN data links. It also specifies rules and procedures for
processing the various fields of the label stack encoding.

     "Layer Two Tunneling Protocol "L2TP". L2TP facilitates the
tunneling of PPP packets across an intervening network in a way
that is as transparent as possible to both end-users and
applications.

"IP Encapsulation Within IP" specifies a method by which an IP datagram may be encapsulated (carried as a payload) within an IP datagram. Encapsulation may serve a ariety of purposes, such as delivery of a datagram to a mobile node using Mobile IP.

"Generic Packet Tunneling in Ipv6 Specification" defines the model and generic mechanisms for Ipv6 encapsulation of Internet packets, such as Ipv6 and Ipv4.
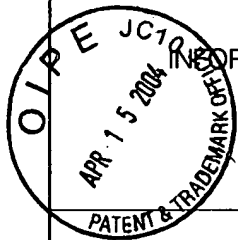
The listed documents are brought to the Examiner's attention because they are known to the applicant and/or the applicant's attorney and may be considered by the Examiner to be material to his/her examination. This listing should not be construed as representation that a search has been made or that no better art exists. No inference should be made that the documents are in fact material merely because they are referenced herein. Moreover, no representation is made that the brief descriptions of the references herein necessarily describe the most material aspects of the references. Further, by this listing, the applicant is not making any admission regarding the relative dates of the invention and listed disclosures.

Respectfully submitted,

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		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
		"Multiprotocol Label Switching Architecture", Rosen, et al. ; January 2001 The Internet Society
		"MPLS Label Stack Encoding", Rosen et al., January, 2001; The Internet Society
		"Layer Two Tunneling Protocol "L2TP", Townsley et al., August 1999; The Internet Society
		"IP Encapsulation Within IP", Perkins et al.; October 1996;
		"Generic Packet Tunneling in Ipv6 Specification"; Conta & Deering; December 1998; The Internet Society

EXAMINER	DATE CONSIDERED